Applicant(s): Klinker Sheet 1 of 43

Title: Topology Aware Route Control

Filed: December 12, 2003

(Atty Dkt. # 52224/294509)

Atty: Brenda O. Holmes Phone No. 404.685.6799 Sheet 1 of 43

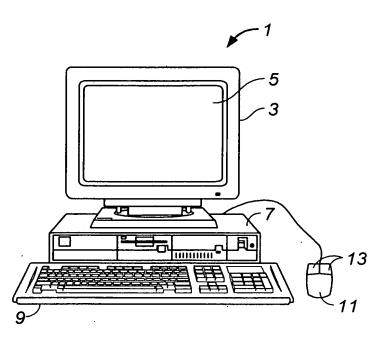
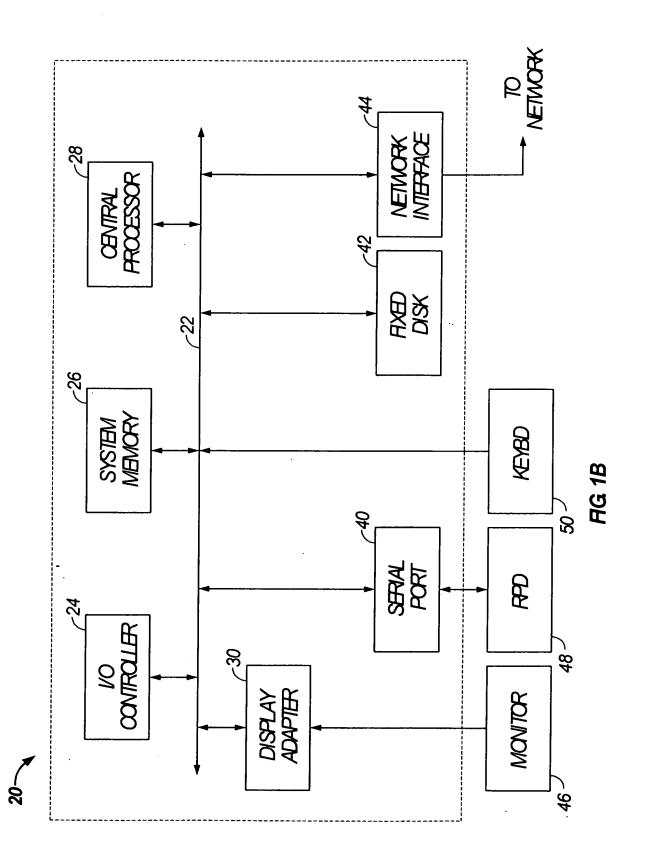


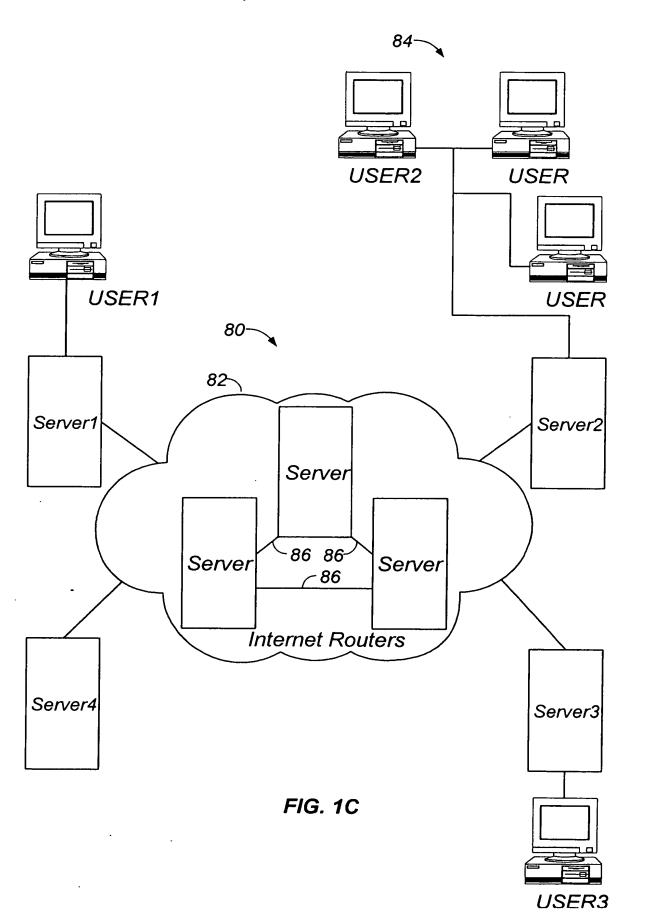
FIG. 1A

Applicant(s): Klinker Sheet 2 of 43
Title: Topology Aware Route Control
Filed: December 12, 2003
(Atty Dkt. # 52224/294509)
Atty: Brenda O. Holmes Phone No. 404.685.6799

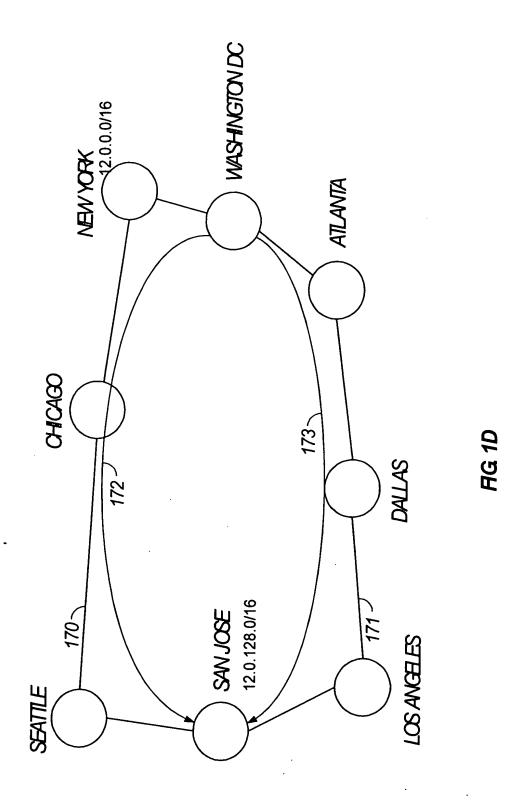


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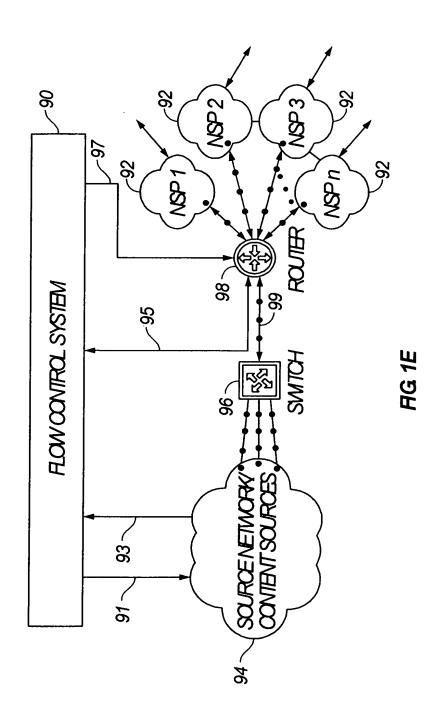
Applicant(s): Klinker Sh Title: Topology Aware Route Control Filed: December 12, 2003 (Atty Dkt. # 52224/294509)



Applicant(s): Klinker Sheet 4 of 43
Title: Topology Aware Route Control
Filed: December 12, 2003
(Atty Dkt. # 52224/294509)
Atty: Brenda O. Holmes Phone No. 404.685.6799



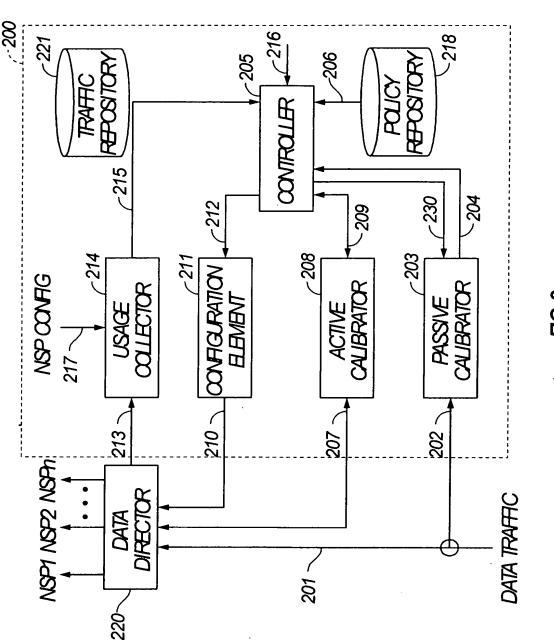
Applicant(s): Klinker Sheet 5 of 43
Title: Topology Aware Route Control
Filed: December 12, 2003
(Atty Dkt. # 52224/294509)
Atty: Brenda O. Holmes Phone No. 404.685.6799



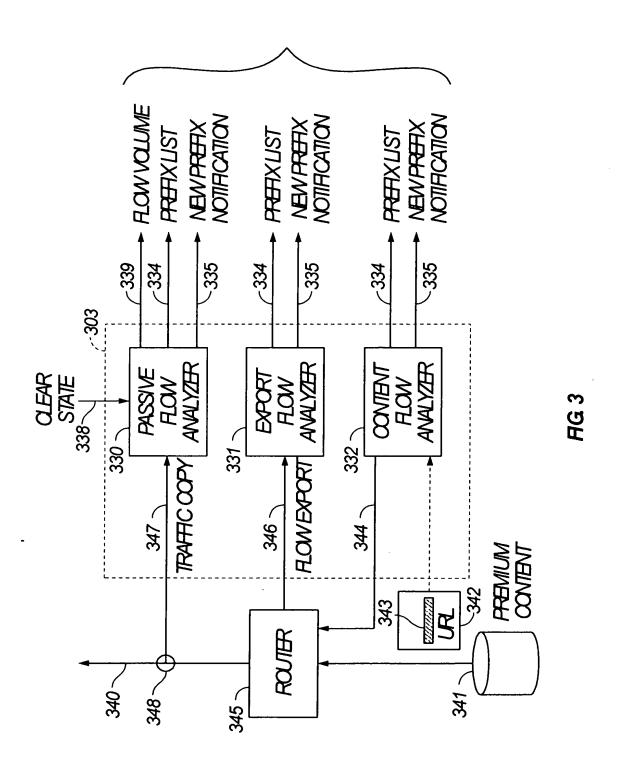
Sheet 6 of 43

Applicant(s): Klinker Sh Title: Topology Aware Route Control Filed: December 12, 2003

(Atty Dkt. # 52224/294509) Atty: Brenda O. Holmes Phone No. 404.685.6799



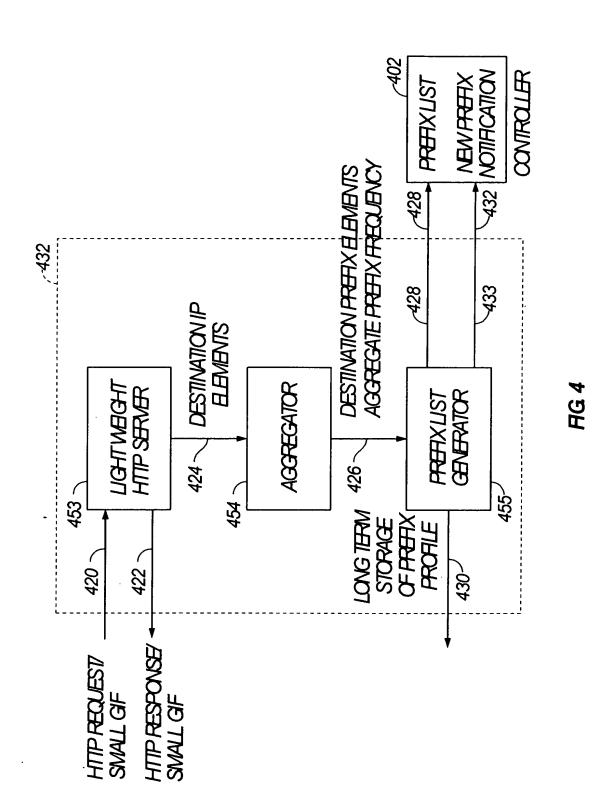
Applicant(s): Klinker Sheet 7 of 43
Title: Topology Aware Route Control
Filed: December 12, 2003
(Atty Dkt. # 52224/294509)
Atty: Brenda O. Holmes Phone No. 404.685.6799



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Applicant(s): Klinker Sh Title: Topology Aware Route Control Filed: December 12, 2003

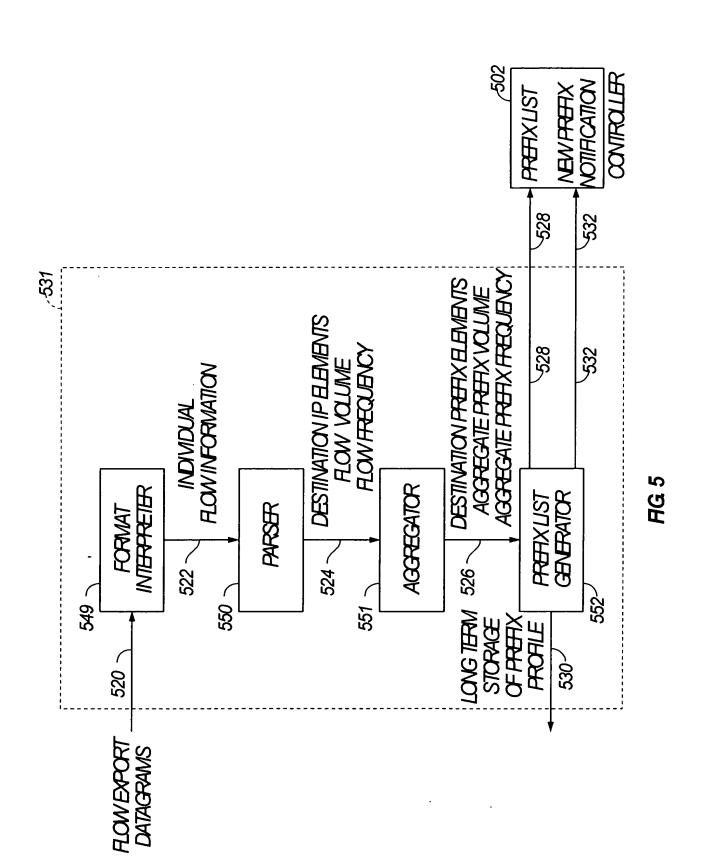
(Atty Dkt. # 52224/294509)



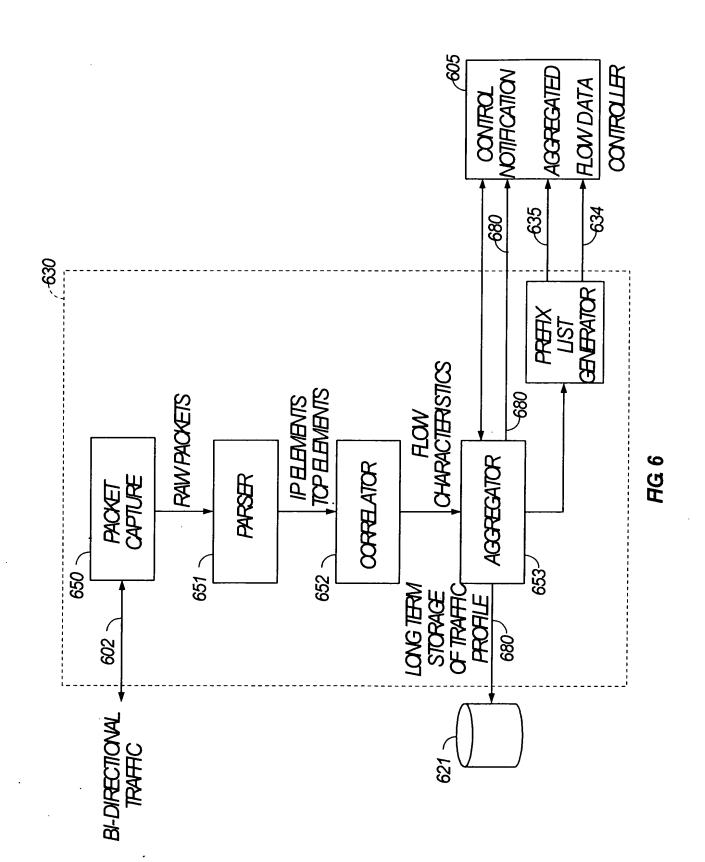
Applicant(s): Klinker Sheet 9 of 43

Title: Topology Aware Route Control

Filed: December 12, 2003 (Atty Dkt. # 52224/294509)



Applicant(s): Klinker Sheet 10 of 43
Title: Topology Aware Route Control
Filed: December 12, 2003
(Atty Dkt. # 52224/294509)
Atty: Brenda O. Holmes Phone No. 404.685.6799 Sheet 10 of 43



Applicant(s): Klinker Sheet 11 of 43
Title: Topology Aware Route Control
Filed: December 12, 2003
(Atty Dkt. # 52224/294509)
Atty: Brenda O. Holmes Phone No. 404.685.6799

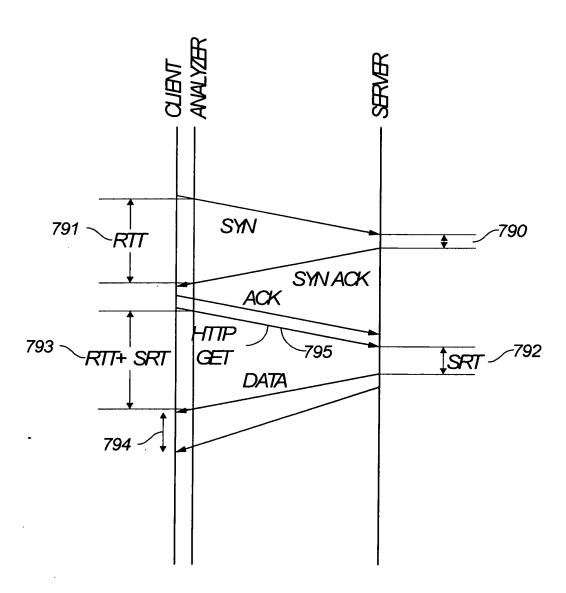
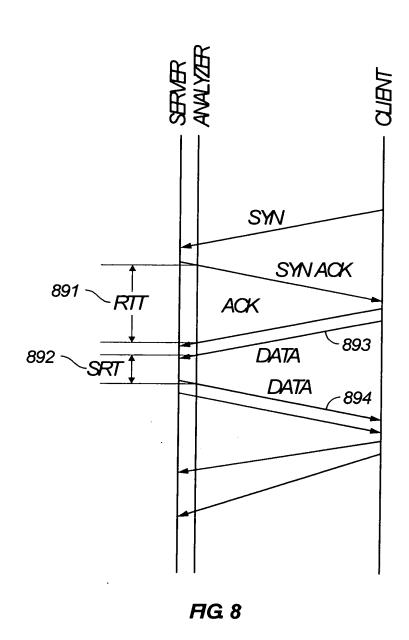


FIG 7

Applicant(s): Klinker Sheet 12 of 43
Title: Topology Aware Route Control
Filed: December 12, 2003
(Atty Dkt. # 52224/294509)
Atty: Brenda O. Holmes Phone No. 404.685.6799



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Title: Topology Aware Route Control

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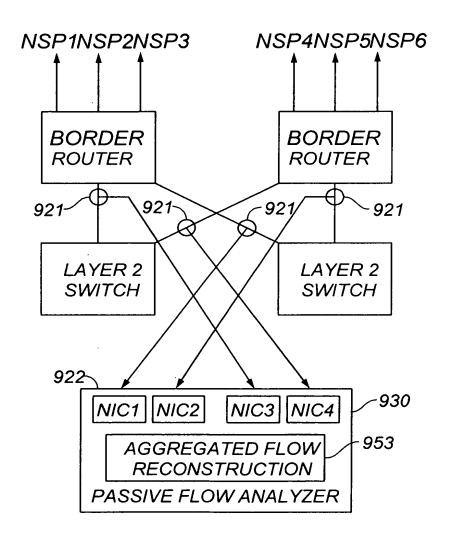
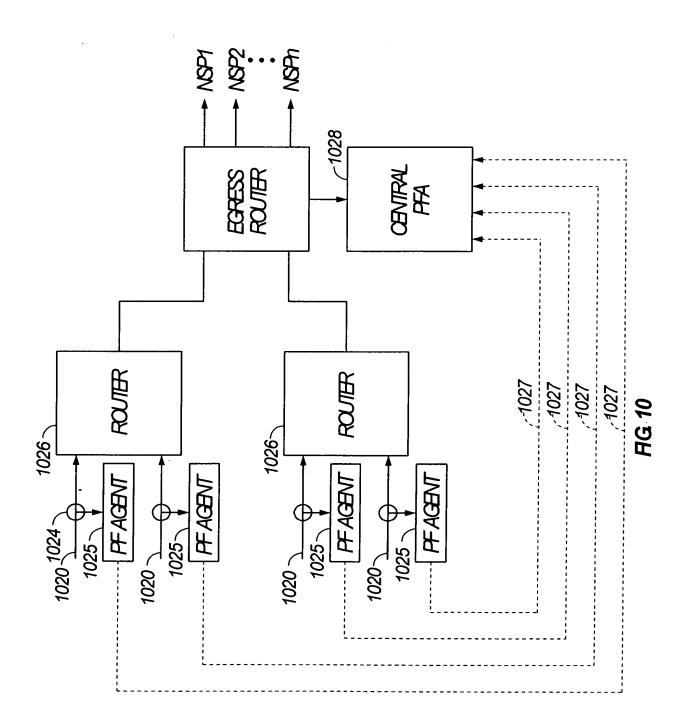


FIG. 9

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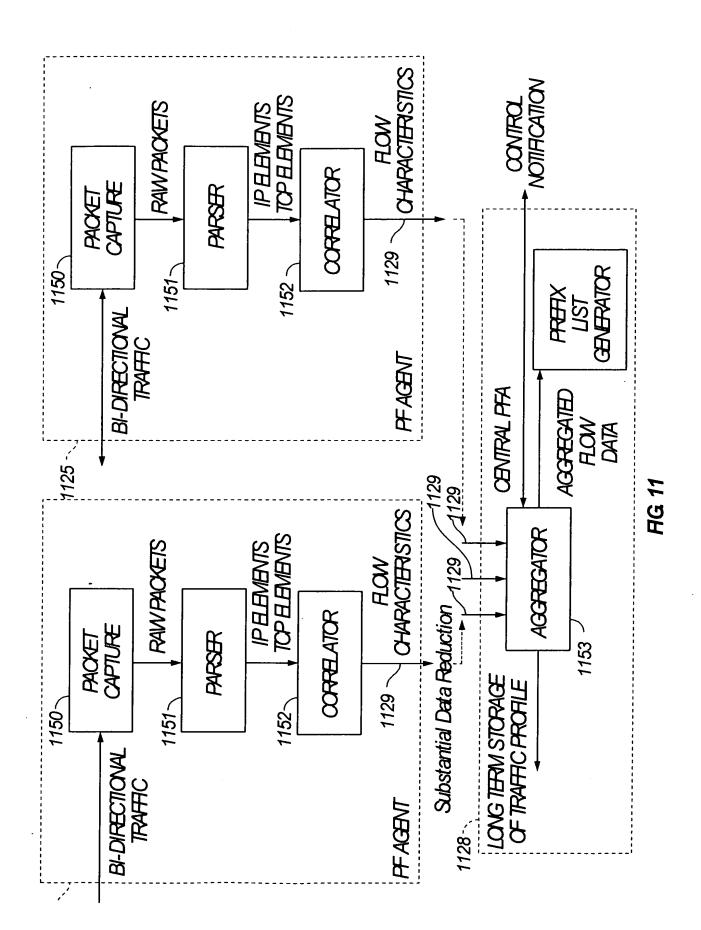
Applicant(s): Klinker Sh Title: Topology Aware Route Control Filed: December 12, 2003

(Atty Dkt. # 52224/294509) Atty: Brenda O. Holmes Phone No. 404.685.6799



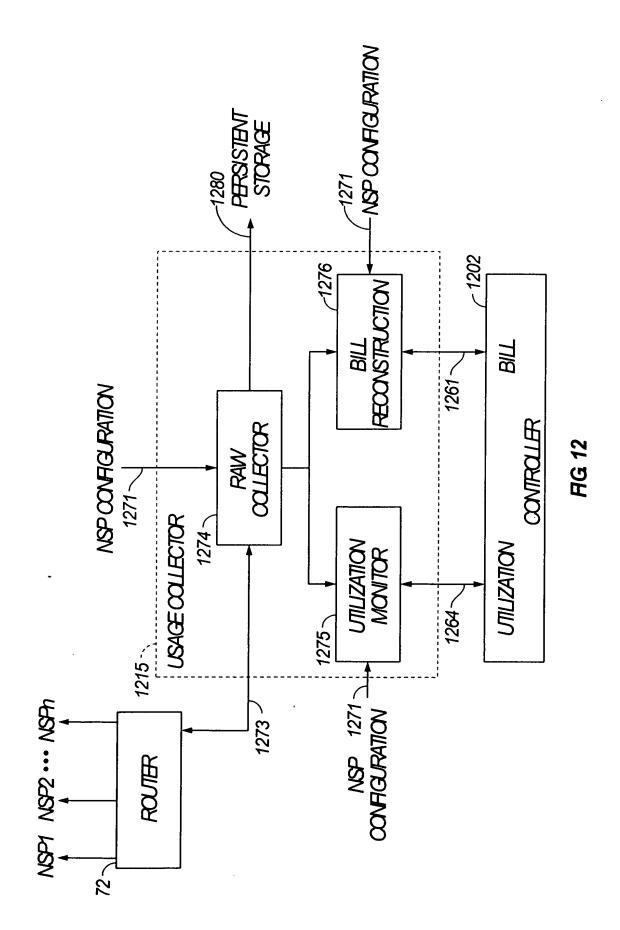
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Applicant(s): Klinker St Title: Topology Aware Route Control Filed: December 12, 2003 (Atty Dkt. # 52224/294509)



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Applicant(s): Klinker Sh Title: Topology Aware Route Control

Filed: December 12, 2003 (Atty Dkt. # 52224/294509)

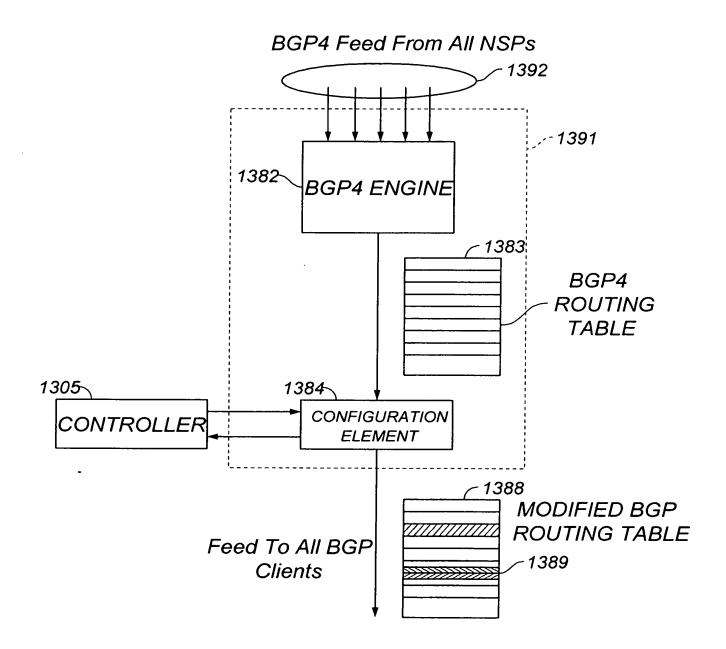


FIG. 13

Applicant(s): Klinker Sheet 18 of 43
Title: Topology Aware Route Control
Filed: December 12, 2003
(Atty Dkt. # 52224/294509)
Atty: Brenda O. Holmes Phone No. 404.685.6799

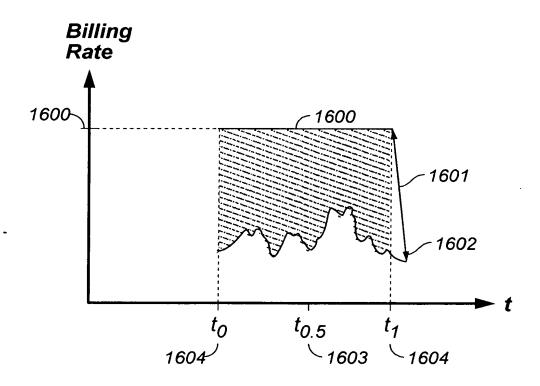
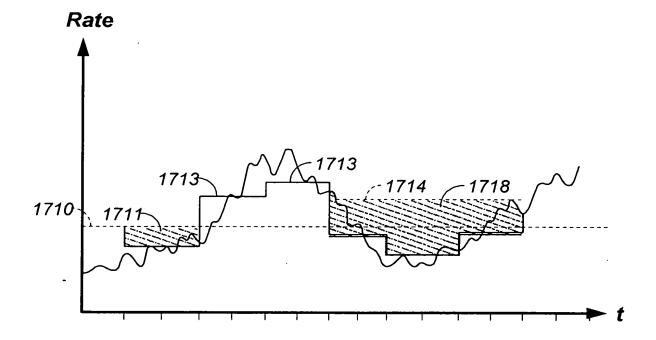
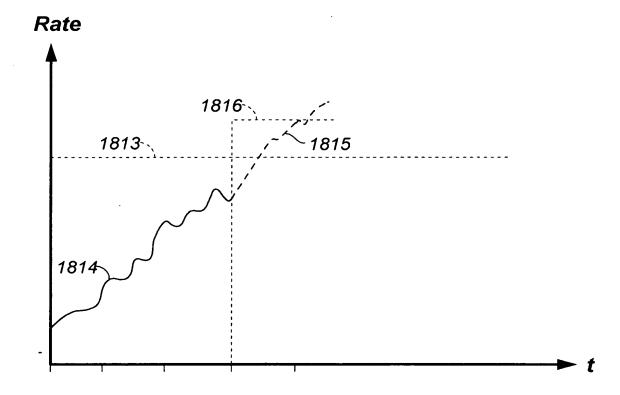


FIG. 14

Applicant(s): Klinker Sheet 19 of 43
Title: Topology Aware Route Control
Filed: December 12, 2003
(Atty Dkt. # 52224/294509)
Atty: Brenda O. Holmes Phone No. 404.685.6799



Applicant(s): Klinker Sheet 20 of 43
Title: Topology Aware Route Control
Filed: December 12, 2003
(Atty Dkt. # 52224/294509)
Atty: Brenda O. Holmes Phone No. 404.685.6799



Applicant(s): Klinker Sheet 21 of 43

Title: Topology Aware Route Control

Filed: December 12, 2003 (Atty Dkt. # 52224/294509)

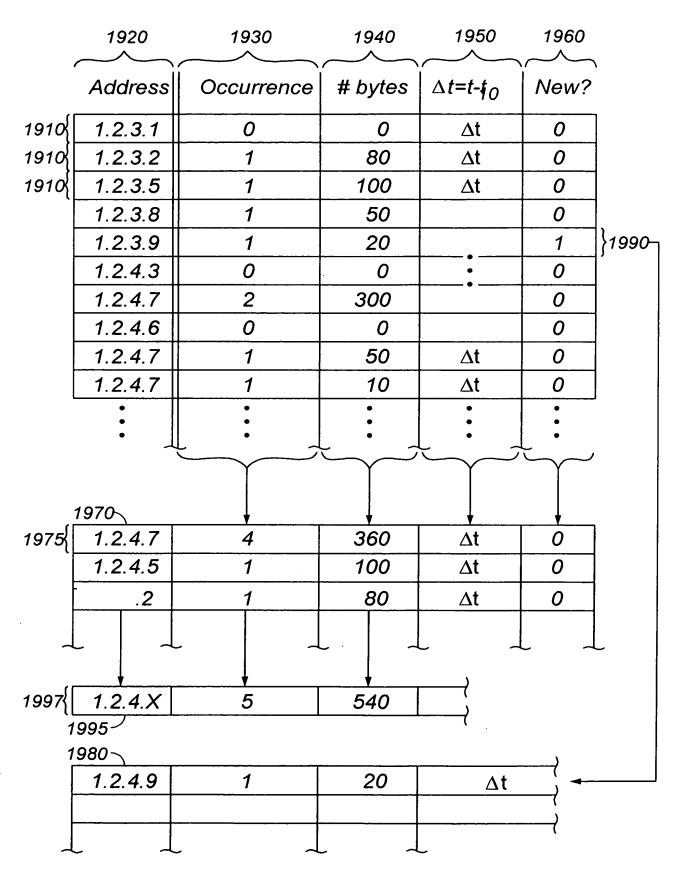


FIG. 17

Applicant(s): Klinker Sheet 22 of 43
Title: Topology Aware Route Control
Filed: December 12, 2003
(Atty Dkt. # 52224/294509)
Atty: Brenda O. Holmes Phone No. 404.685.6799



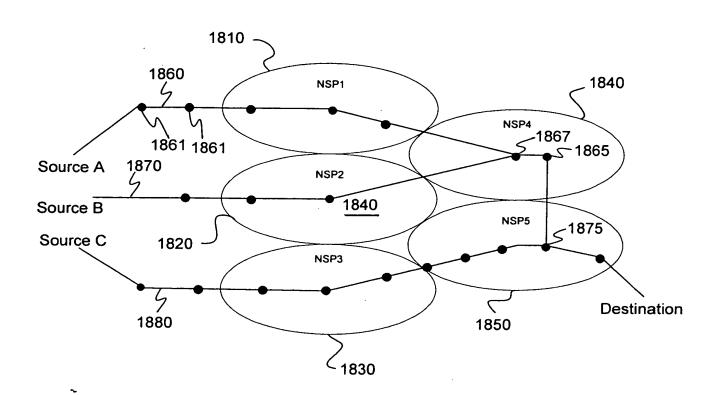
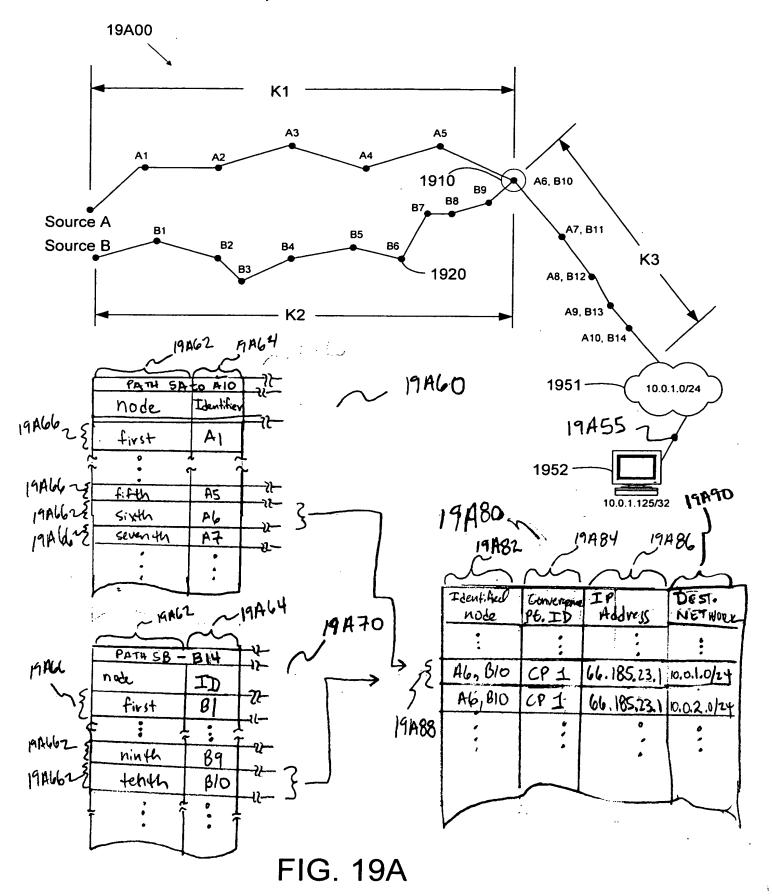


FIG. 18

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Applicant(s): Klinker Sh Title: Topology Aware Route Control

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Title: Topology Aware Route Control Filed: December 12, 2003 (Atty Dkt. # 52224/294509)

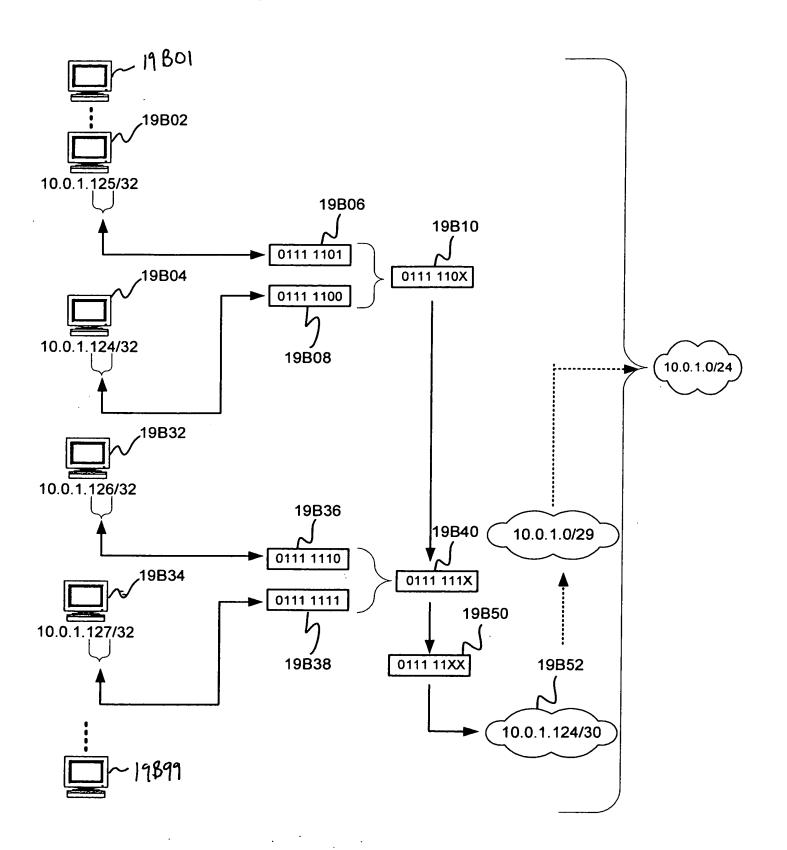


FIG. 19B

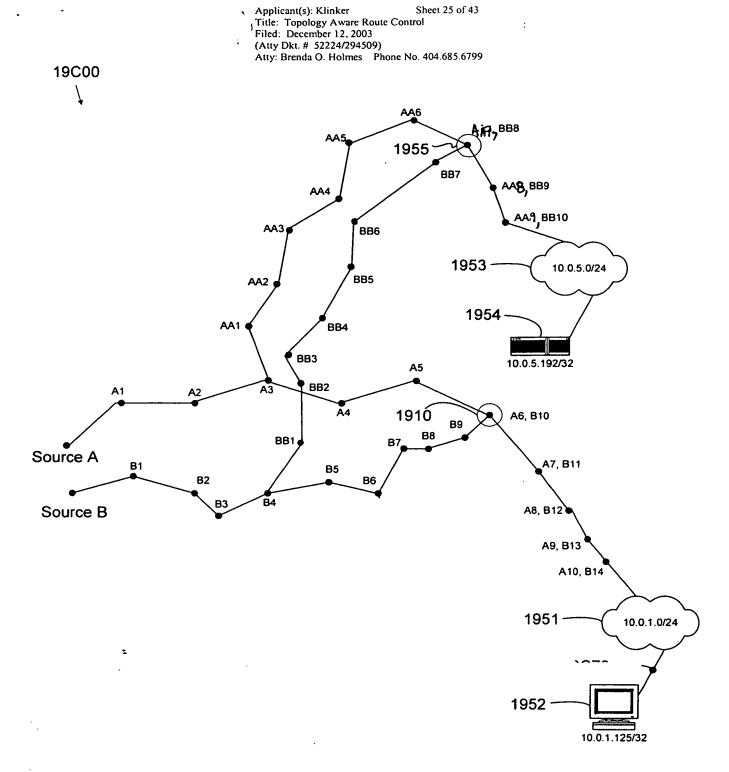


FIG. 19C

Applicant(s): Klinker Sheet 26 of 43

Filed: December 12, 2003
(Atty Dkt. # 52224/294509)
Atty: Brenda O. Holmes Phone No. 404.685.6799

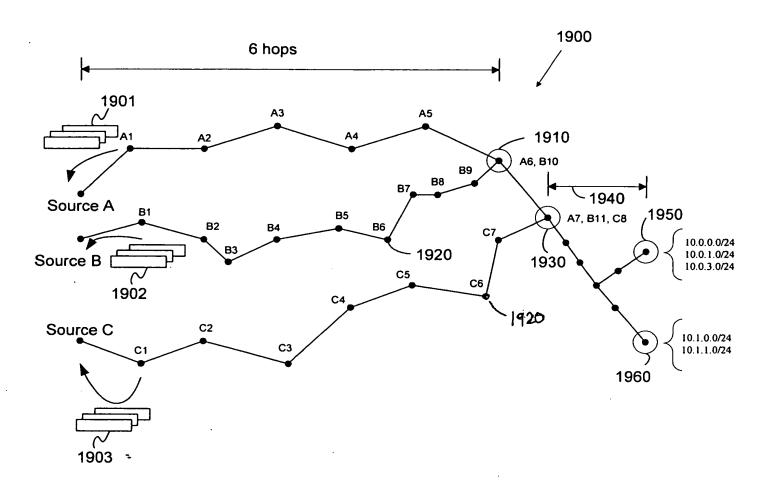


FIG. 19D

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Applicant(s): Klinker Sh Title: Topology Aware Route Control Filed: December 12, 2003

(Atty Dkt. # 52224/294509) Atty: Brenda O. Holmes Phone No. 404.685.6799

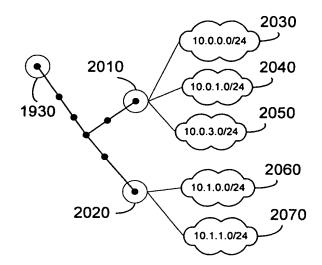


FIG. 19E

2000

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Title: Topology Aware Route Control
Filed: December 12, 2003
(Atty Dkt. # 52224/294509)
Atty: Brenda O. Holmes Phone No. 404.685.6799

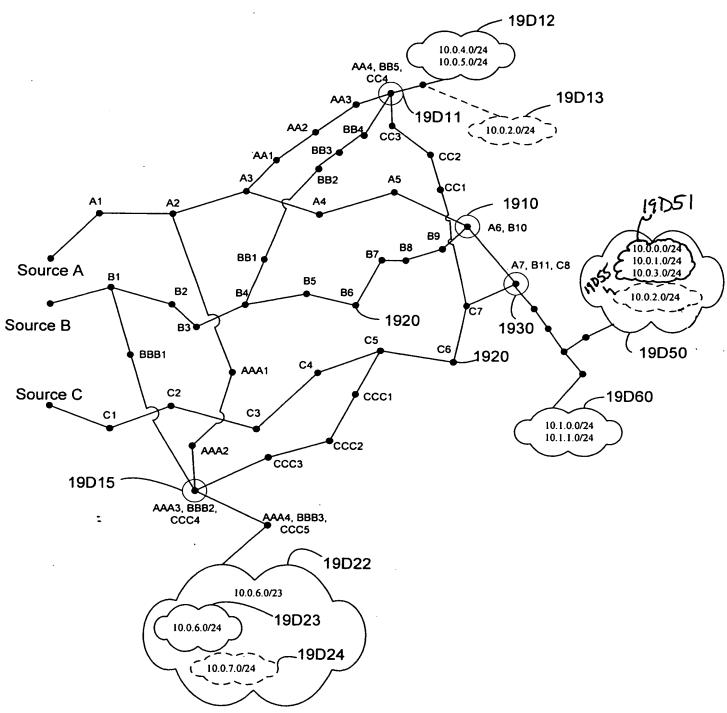


FIG. 19F

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FIG. 20A

Applicant(s): Klinker Sh Title: Topology Aware Route Control Filed: December 12, 2003 (Atty Dkt. # 52224/294509)

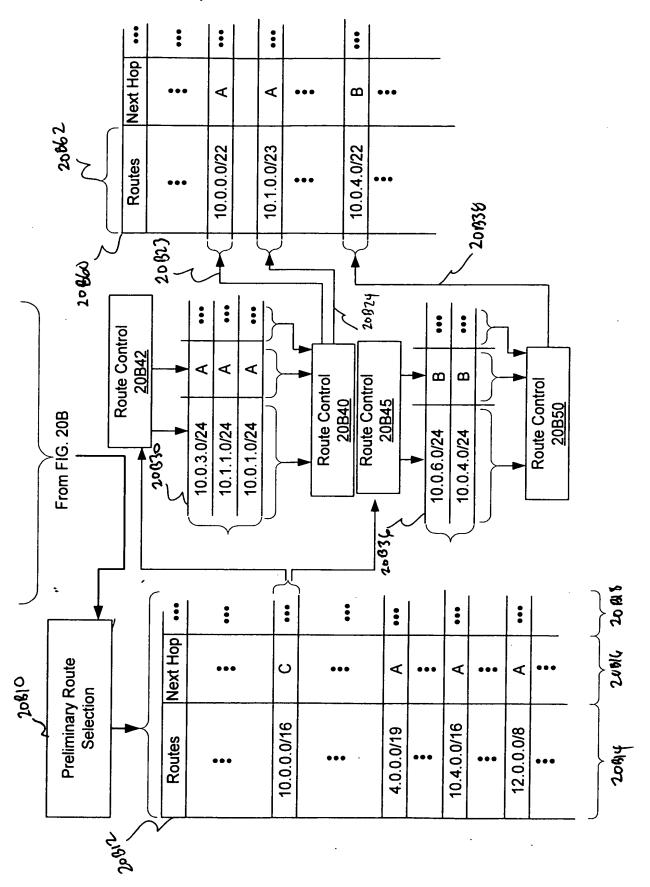


FIG. 20B

Applicant(s): Klinker Sh Title: Topology Aware Route Control Filed: December 12, 2003

(Atty Dkt. # 52224/294509) Atty: Brenda O. Holmes Phone No. 404.685.6799

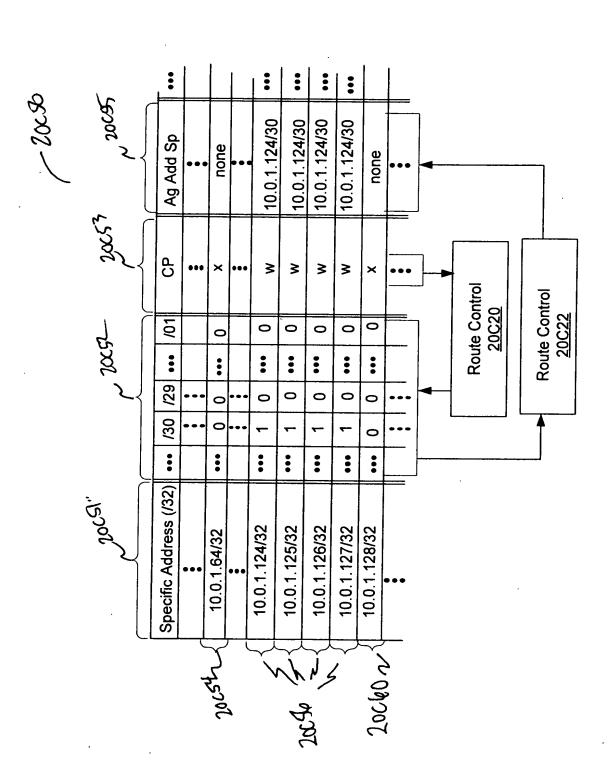


FIG. 20C

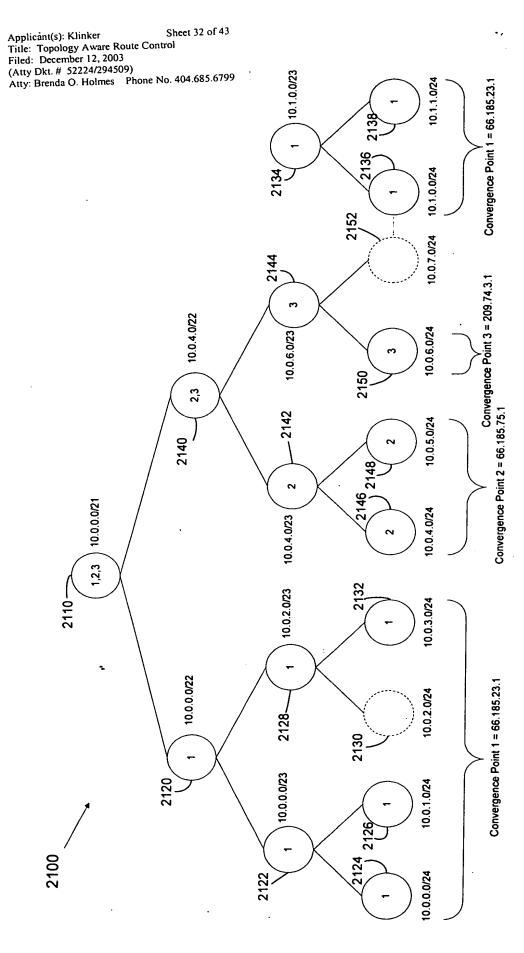
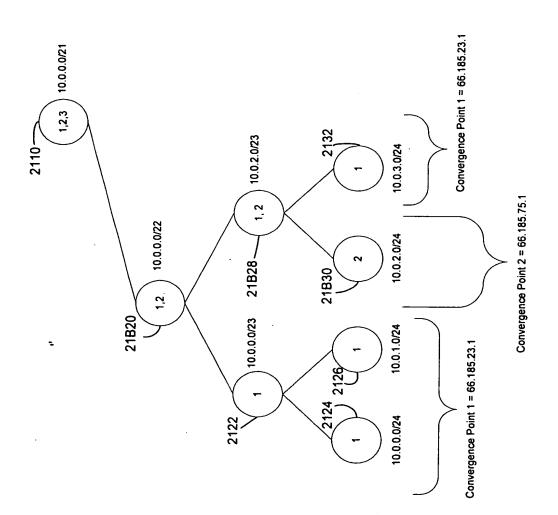


FIG. 21A

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Filed: December 12, 2003
(Atty Dkt. # 52224/294509)
Atty: Brenda O. Holmes Phone No. 404.685.6799



Applicant(s): Klinker Sheet 34 of 43
Title: Topology Aware Route Control
Filed: December 12, 2003
(Atty Dkt. # 52224/294509)

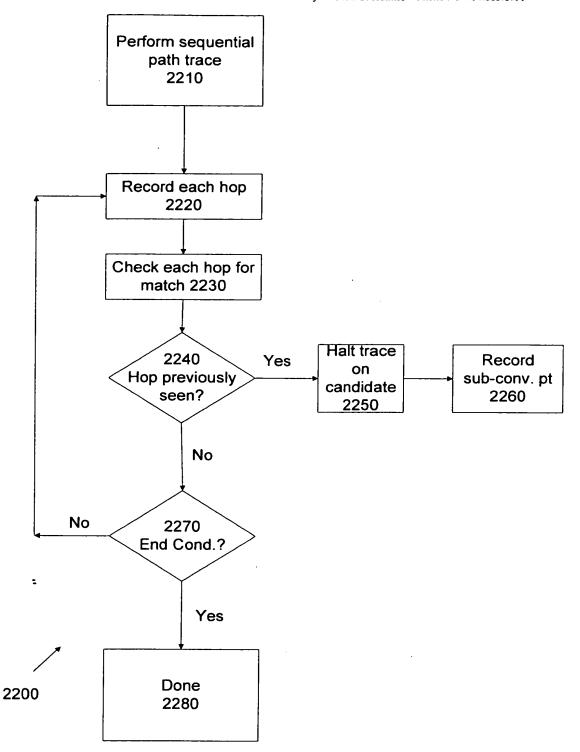


FIG. 22

Applicant(s): Klinker Sh Title: Topology Aware Route Control Filed: December 12, 2003 Sheet 35 of 43

(Atty Dkt. # 52224/294509)

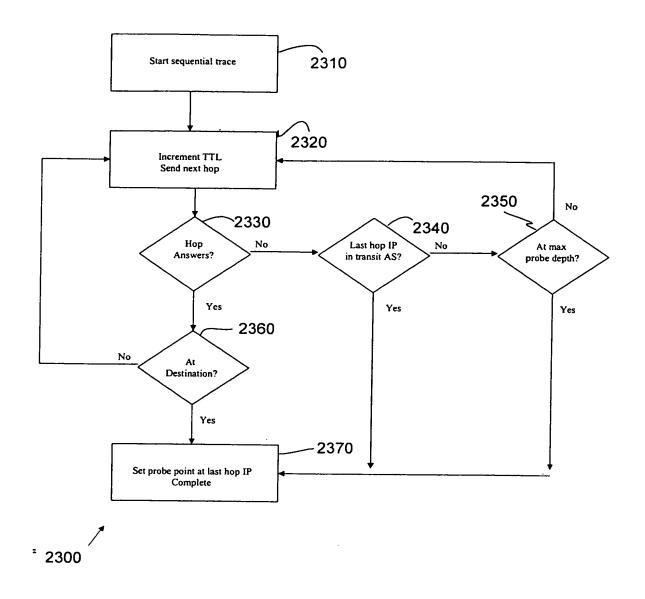
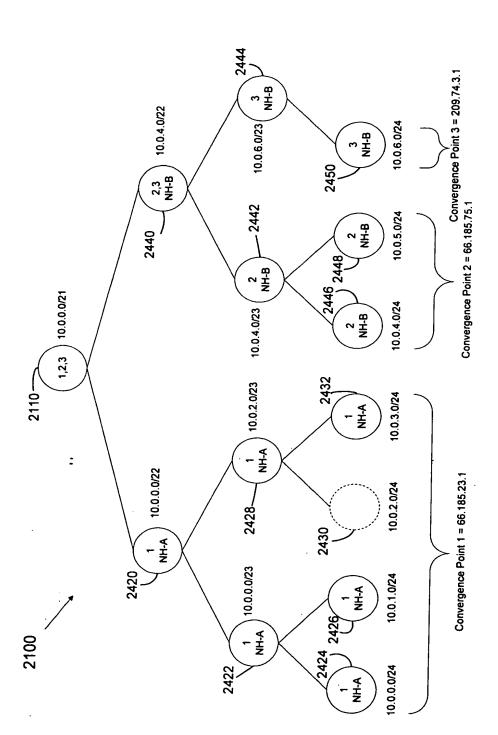


FIG. 23

Applicant(s): Klinker Sheet 36 of 43
Title: Topology Aware Route Control
Filed: December 12, 2003
(Atty Dkt. # 52224/294509)
Atty: Brenda O. Holmes Phone No. 404.685.6799



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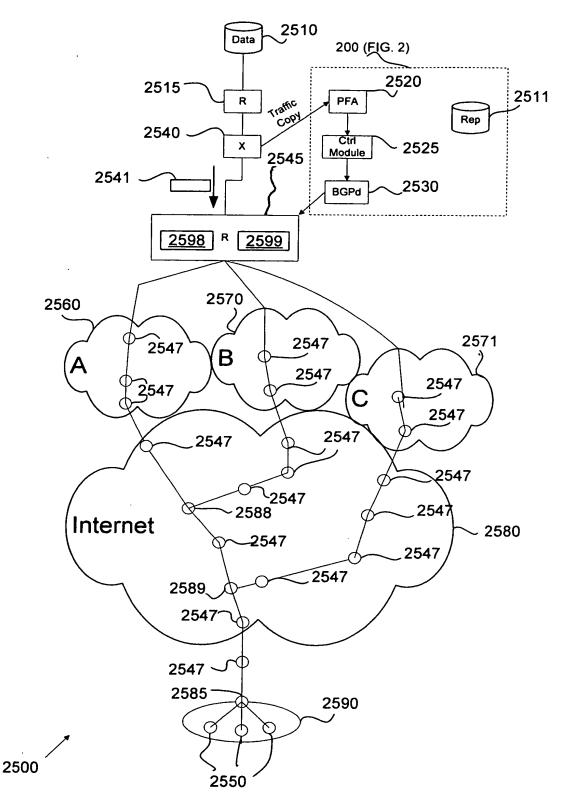


FIG. 25

Applicant(s): Klinker Sheet 38 of 43
Title: Topology Aware Route Control
Filed: December 12, 2003
(Atty Dkt. # 52224/294509)
Atty: Brenda O. Holmes Phone No. 404.685.6799

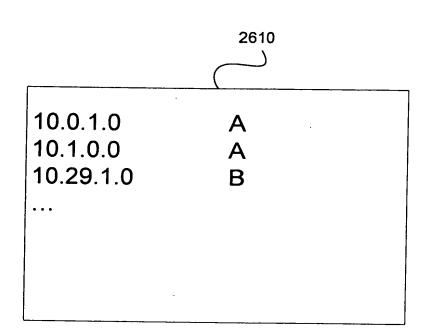


FIG. 26

Applicant(s): Klinker Sheet 39 of 43
Title: Topology Aware Route Control
Filed: December 12, 2003
(Atty Dkt. # 52224/294509)
Atty: Brenda O. Holmes Phone No. 404.685.6799

Four Provider Prefix Distribution

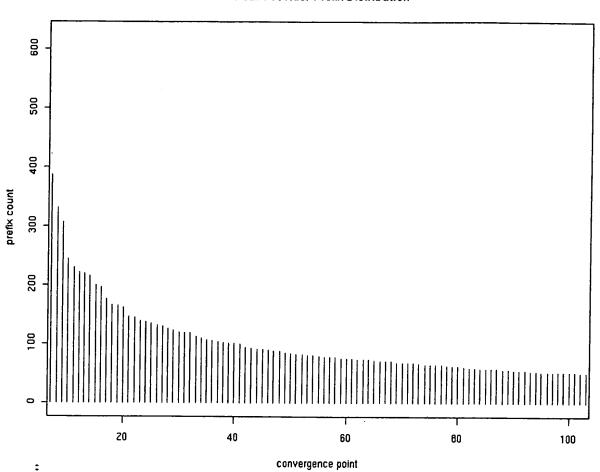


FIG. 27

Applicant(s): Klinker Sheet 40 of 43
Title: Topology Aware Route Control
Filed: December 12, 2003
(Atty Dkt. # 52224/294509)
Atty: Brenda O. Holmes Phone No. 404.685.6799

Path Trace Analysis for: 12.123.12.0

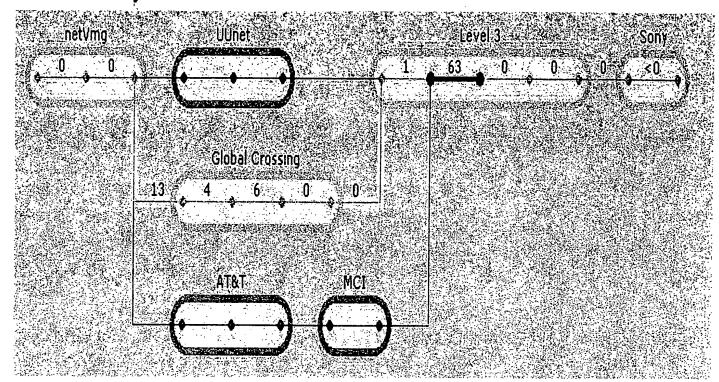
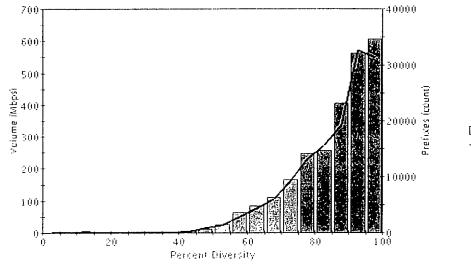


FIG. 28

Applicant(s): Klinker Sheet 41 of 43
Title: Topology Aware Route Control
Filed: December 12, 2003
(Atty Dkt. # 52224/294509)
Atty: Brenda O. Holmes Phone No. 404.685.6799



置Average Volume (Mbps) — Prefix Count

FIGURE 29

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Title: Topology Aware Route Control
Filed: December 12, 2003
(Atty Dkt. # 52224/294509)
Atty: Brenda O. Holmes Phone No. 404.685.6799 Sheet 42 of 43

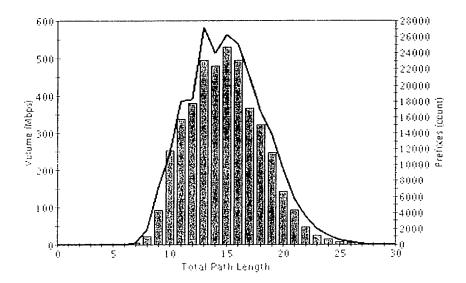


圖 Average Wolume (Mbp:)) - Prefix Count

FIGURE 30

Applicant(s): Klinker Sheet 43 of 43

Title: Topology Aware Route Control Filed: December 12, 2003 (Atty Dkt. # 52224/294509)

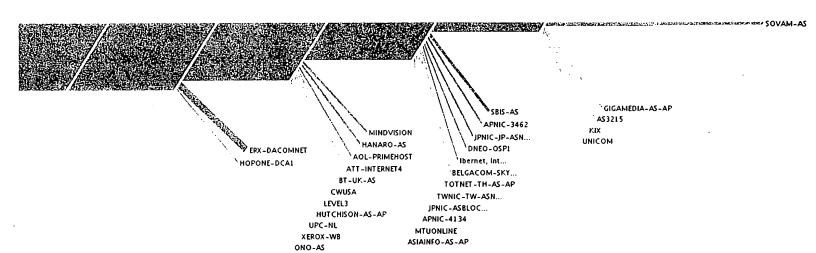


FIGURE 31